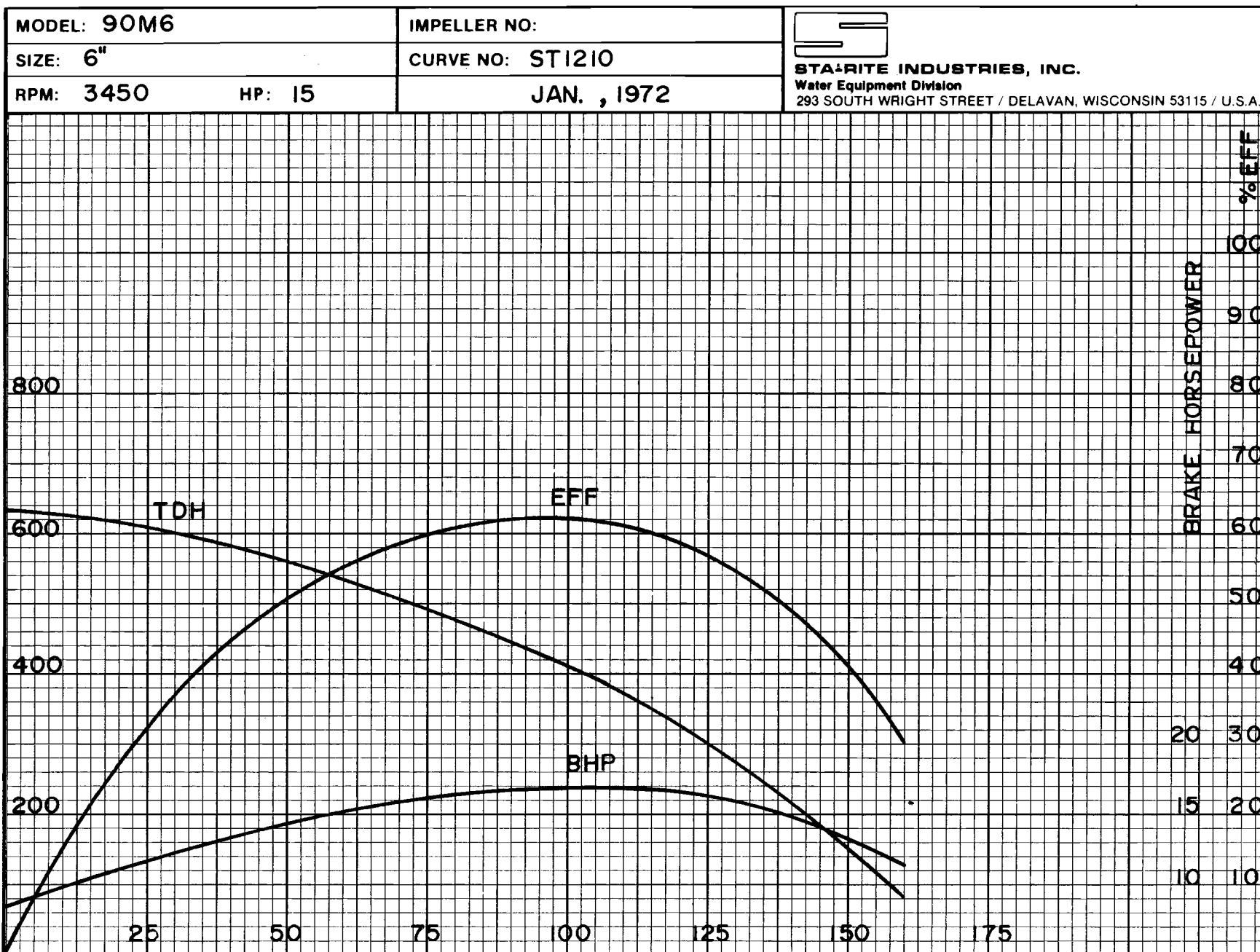


TOTAL HEAD / FEET



CAPACITY U.S. G.P.M.

# DEEP WELL SUBMERSIBLE TURBINE

CURVE No. ST1210

## IMPELLER DATA

IMPELLER No. P5-15  
TYPE Enclosed - Brass  
DIAMETER 4.125 x 20°  
EFFECTIVE EYE AREA 2.66 Sq. Inches  
NUMBER OF VANES 6  
THRUST CONSTANT K 1.85 Lbs./Ft. of Head  
WR<sup>2</sup>            Lbs. Ft.<sup>2</sup>  
WEIGHT 2.125 Lbs.  
EYE FLUID VELOCITY .121 Ft./Sec./G.P.M.  
PERIPHERAL VELOCITY 15.05 Ft./Sec./Inch of Impeller Dia.

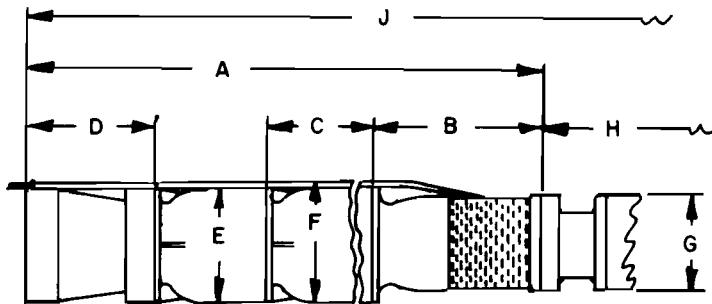
## BOWL ASSEMBLY DATA

BOWL No. P201-28 (C.I.)  
CONNECTION TYPE Screwed  
DISCHARGE TAPPING 3" NPT  
PUMP SHAFT DIA. 1"  
NUMBER OF STAGES 12

## PERFORMANCE DATA

PERFORMANCE CURVE BASED ON 6 " MOTOR  
WITH SPEED OF 3450 RPM AT B.E.P. USE OF  
DIFFERENT SIZE MOTOR, OR DIFFERENT SPEED  
CHARACTERISTIC WILL CHANGE PERFORMANCE.

## DIMENSIONS



A-OVERALL LIQUID END LENGTH  
B-SUCTION CONNECTION LENGTH  
C-STAGE LENGTH  
D-DISCHARGE CONNECTION LENGTH  
E-BOWL DIAMETER  
F-DIAMETER ACROSS LEAD GUARD  
G-MOTOR DIAMETER  
H-MOTOR LENGTH  
J-OVERALL PUMP LENGTH-INCLUDING MOTOR

| DIMENSION             | A      | B      | C       | D     | E     | F     | G     | H      | J  |
|-----------------------|--------|--------|---------|-------|-------|-------|-------|--------|----|
| INCHES                | 65-1/2 | 10-3/4 | 3-15/16 | 7-1/2 | 5-1/8 | 5-5/8 | 5-1/2 | 33-1/2 | 99 |
| UNIT WEIGHTS - POUNDS |        |        |         |       |       |       |       |        |    |
| MOTOR SIZE            | 6"     |        |         |       |       |       |       |        |    |
| PUMP INCLUDING MOTOR  | 338.5  |        |         |       |       |       |       |        |    |
| LIQUID END ONLY       | 174.5  |        |         |       |       |       |       |        |    |